

# Contents

<b>Amini, M., s. Bertolini, L., et al.</b>	175	<b>Dzidziguri, D. V., s. Tumanishvili, G. D., et al.</b>	195
<b>Antila, E.</b>		<b>Erickson, R. P., s. Daentl, D. L., et al.</b>	159
Early Steroid Metabolism in <i>Xenopus laevis</i> , <i>Rana temporaria</i> and <i>Triturus vulgaris</i> Embryos	71	<b>Huang, S.-M., s. Arsenis, G.</b>	183
<b>Arsenis, C., Huang, S.-M.</b>		<b>Hubert, E., s. Pays, A., et al.</b>	79
Distribution and Immunologic Cross Reactivity of a Phosphohydrolytic Activity of Calcifying Cartilage and Metaphyseal Bone	183	<b>Jandieri, K. M., s. Tumanishvili, G. D., et al.</b>	195
<b>Bagshaw, J. C., s. D'Alessio, J. M.</b>	53	<b>Johnson, E., Berry, S. J.</b>	
<b>Barlow, P. W.</b>		Cellular Differentiation in a Highly Specialized Insect Secretory Organ	39
An Experimental Study of Cell and Nuclear Growth and Their Relation to Cell Diversification within a Plant Tissue	153	<b>Kidder, G. M., s. Clark, A. J.</b>	113
<b>Berry, S. J., s. Johnson, E.</b>	39	<b>Klein, C., s. Brachet, P.</b>	1
<b>Bertolini, L., Amini, M., Vigneti, E., Bosman C., Revoltella, R.</b>		<b>Kostellow, A. B., s. Poupko, J. M., et al.</b>	61
Intermediate (10 nm)-Filaments in Undifferentiated Cells of Mouse Neuroblastoma Clones	175	<b>Kostellow, A. B., s. Morrill, G. A., et al.</b>	97
<b>Betlach, C. J., s. Daentl, D. L., et al.</b>	159	<b>Kostellow, A. B., s. Poupko, J. M., et al.</b>	167
<b>Bosman, C., s. Bertolini, L., et al.</b>	175	<b>Lantos, T., s. Csaba, G.</b>	57
<b>Brachet, P., Klein, C.</b>		<b>Mandel, P., s. Ciesielski-Treska, J., et al.</b>	31
Cell Responsiveness to cAMP during the Aggregation Phase of <i>Dictyostelium discoideum</i> . Comparison between the Inhibitory Action of Progesterone and the Stimulatory Action of EDTA and Ionophore A 23187	1	<b>McMaster, G., Modak, S. P.</b>	
<b>Brachet, J., s. Pays, A., et al.</b>	79	Cellular and Biochemical Parameters of Growth of Chick Blastoderms during Early Morphogenesis	145
<b>Brunner, G.</b>		<b>Modak, S. P., s. McMaster, G.</b>	145
Membrane Impression and Gene Expression. Towards a Theory of Cytodifferentiation	123	<b>Morrill, G. A., s. Poupko, J. M., et al.</b>	61
<b>Chakravarty, A. K.</b>		<b>Morrill, G. A., Schatz, F., Kostellow, A. B., Poupko, J. M.</b>	
An in vitro Study of Functional Maturation of Murine Thymus Cells	21	Changes in Cyclic AMP Levels in the Amphibian Ovarian Follicle Following Progesterone Induction of Meiotic Maturation. Effect of Phosphodiesterase Inhibitors and Exogenous Calcium on Germinal Vesicle Breakdown	97
<b>Ciesielski-Treska, J., Robert, J., Rebel, G., Mandel, P.</b>		<b>Morrill, G. A., s. Poupko, J. M., et al.</b>	167
Gangliosides of Active and Inactive Neuroblastoma Clones	31	<b>Pays, A., Hubert, E., Brachet, J.</b>	
<b>Clark, A. J., Kidder, G. M.</b>		A Comparison between Organomercurial- and Progesterone-Induced Maturation in Amphibian Oocytes	79
Polyadenylic Acid in <i>Ilyanassa</i> : Estimates of the Number and Mean Length of Poly(A) Tracts in Embryonic and Larval Stages	113	<b>Poupko, J. M., Kostellow, A. B., Morrill, G. A.</b>	
<b>Cloud, J. G., s. Schuetz, A. W.</b>	191	Changes in Histone Patterns during Amphibian Embryonic Development	61
<b>Cope, P., s. Denny, P. C.</b>	105	<b>Poupko, J. M., s. Morrill, G. A., et al.</b>	97
<b>Csaba, G., Lantos, T.</b>		<b>Poupko, J. M., Kostellow, A. B., Morrill, G. A.</b>	
An Attempt to Differentiate Selection and Amplification in Hormone Receptor Development. The Unicellular Model	57	Histone Acetylation Associated with Gastrulation in <i>Rana pipiens</i>	167
<b>Daentl, D. L., Erickson, R. P., Betlach, C. J.</b>		<b>Rebel, G., s. Ciesielski-Treska, J., et al.</b>	31
DNA Synthetic Capabilities of Differentiating Sperm Cells	159	<b>Revoltella, R., s. Bertolini, L., et al.</b>	175
<b>D'Alessio, J. M., Bagshaw, J. C.</b>		<b>Robert, J., s. Ciesielski-Treska, J., et al.</b>	31
DNA-Dependent RNA Polymerases from <i>Artemia salina</i> . IV. Appearance of Nuclear RNR Polymerase Activity during Pre-Emergence Development of Encysted Embryos	53	<b>Schatz, F., s. Morrill, G. A., et al.</b>	97
<b>Denny, P. C., Cope, P.</b>		<b>Schuetz, A. W., Cloud, J. G.</b>	
Age-Specific Differentiations during the Development of the Rat Submandibular Gland	105	Steroid-Cell Surface Interactions in the Induction of Meiotic Maturation in Amphibian Oocytes. Method for and Effect of Local Application of Progesterone	191
<b>Du Pasquier, L., Wabl, M. R.</b>		<b>Tumanishvili, G. D., Jandieri, K. M., Dzidziguri, D. V.</b>	
Transplantation of Nuclei from Lymphocytes of Adult Frogs into Enucleated Eggs. Special Focus on Technical Parameters	9	Studies on the Action of the Nuclear Factor Promoting Actinomycin D-Binding Capacity of Chromatin	195
		<b>Vigneti, E., s. Bertolini, L., et al.</b>	175
		<b>Wabl, M. R., s. Du Pasquier, L.</b>	9
		<b>Yablonska, Z., Yaffe, D.</b>	
		Synthesis of Myosin Light Chains and Accumulation of Translatable mRNA Coding for Light Chain-like Polypeptides in Differentiating Muscle Cultures	133
		<b>Yaffe, D., s. Yablonska, Z.</b>	133